CFE100

CompactFlash Size 10/100 Fast Ethernet LAN Card

GENERAL

This CompactFlash Size 10/100 Fast Ethernet LAN Card is designed for Windows CE-based PDA/palm-sized PCs, handheld PCs and any computer with a CompactFlash slot. With this CompactFlash LAN Card, you can access to 10BaseT or 100BaseTX networks for high speed internet browsing and E-mail anytime, anywhere in the office.

Also, it will rapidly synchronize and exchange data with Windows-based PCs and enterprise systems nearly 2000 times faster than 56K serial connection. Plus, with the included CompactFlash PC Card Adapter, this CompactFlash Fast Ethernet LAN Card turns into a PC card that plugs into any computer with a PCMCIA slot. A 3.3/5V auto-switch circuit are designed in, so you can inserted this PC card into any notebook PC with PCMCIA or CardBus interface. The CompactFlash 10/100 Fast Ethernet LAN Card is simple to use, providing automatic installation, and no external power is required.

FEATURES

For PDA/Palm PC: (Compact Card Only)

- CompactFlash sized package
- CF+/CompactFlash specification rev. 1.4 compliant.
- For WinCE PDA/Palm-sized PC, Handheld PC with CompactFlash slot
- Complete installation software for easy setup and adapter configuration.
- Designed for Windows CE 2.0 or newer supports synchronization from Microsoft Windows 95/98/NT4.0/ 2000/ME/XP

For Notebook PC: (with accessory adapter)

- PCMCIA 2.0/2.1compliant
- 10/100 Mbps (auto-negotiation and full duplex)
- Supports most network operating systems (NOS)
- Hot-swap supported and True Plug & Play
- Menu-driven installation utility and LAN diagnostics program included
- Low power consumption
- Diagnostics LED indicator: Link, Speed, Full Duplex, Transmit, Receive and Collision.

SPECIFICATION

Network Interface Specifications

- IEEE 802.3 for 10BaseT
- IEEE 802.3u for 100BaseTX
- 10/100 Mbps data rate and double in Full Duplex Mode

Operating Systems

For PDA/Palm PC: (Compact Card Only)

- Windows CE 2.0 or newer supports synchronization from Microsoft Windows 95/98/NT4.0/2000/ME/XP

For Notebook PC: (with accessory adapter)

- Novell Netware 3.x, 4.x
- Microsoft LAN Manager
- Packet Driver Applications
- Microsoft Windows for Workgroups 3.11
- Windows 3.1
- Microsoft Windows NT 3.51, NT 4.0
- Windows 95/98/ME
- Windows 2000/XP
- Linux, SCO Unix

Card and Socket Service Support

- PCMCIA PC Card Standard Ver.2.0 and newer

I/O Address Support

- Any 32 continuous I/O space

Interrupt Support

- 3,4,5,7,9,10,11,12,15

Media Coupler Support

- UTP (RJ45)

Power Requirements

- 3.3/5V auto-switch circuit
- Normal Operation: + 3.3V , 155mA max
  + 5V , 175mA max

Host Interface & Physical Specifications

For Notebook PC: (with accessory adapter)

- PCMCIA 2.0/2.1 compliant.
- Type II PC Card
- 137mm x 54mm x 5.0mm
- 55gw with Compact PC Card Adapter

For PDA/Palm PC: (Compact Card Only)

- CF+ and CompactFlash Spec. Rev. 1.4 compliant.
- Type I CompactFlash I/O Card
- 88mm x 42.8mm x 3.3mm, 30gw

LED Indicators

Six LEDs on the Direct Port

- Link (Green, On)
- 100 (Orange, On)
- Full (Green, On)
- RX (Green, Blink)
- COL (Orange, On)
- TX (Green, Blink)

EMI and PTT Conformance

- FCC part 15 Class B
- CE Mark EN55002 Class B, EN50081-2
- VCCI Class B

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